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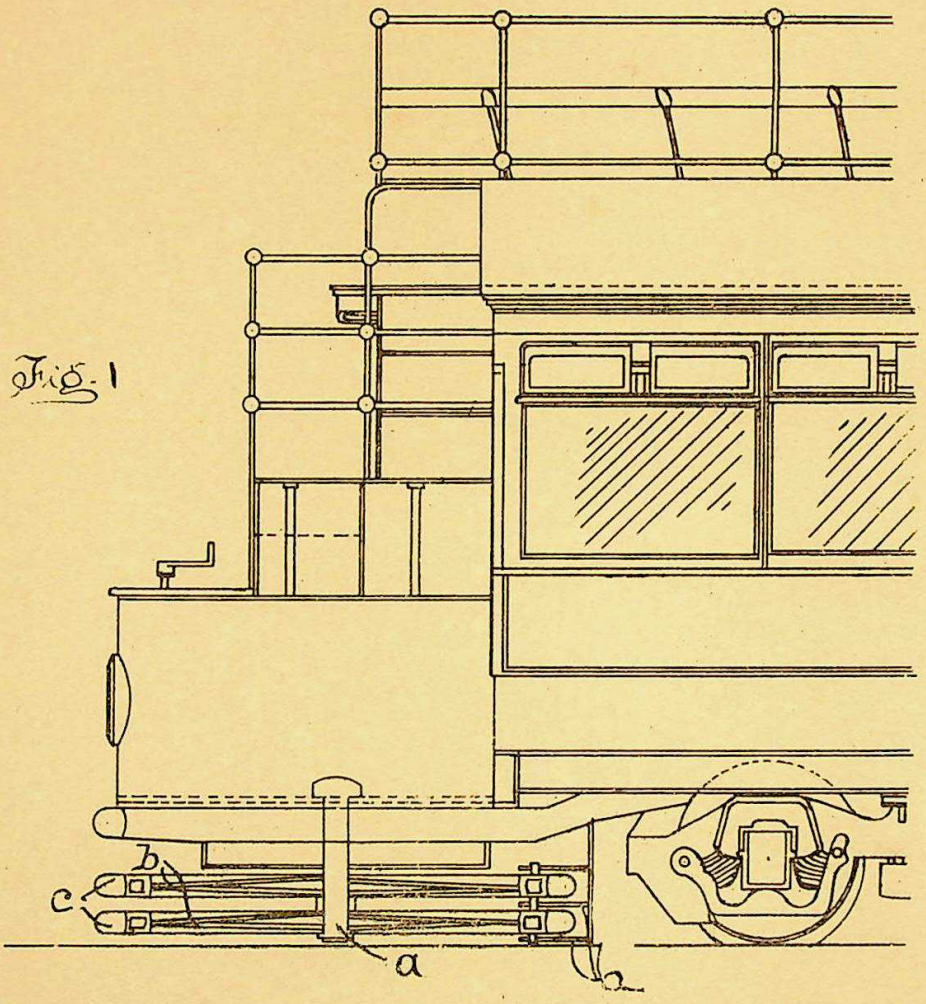
ENGLISH 22,789 of 1902

A.D. 1902. Oct. 20. N° 22,789.

ELLIOTT'S COMPLETE SPECIFICATION. (1 SHEET)

Fig. 1



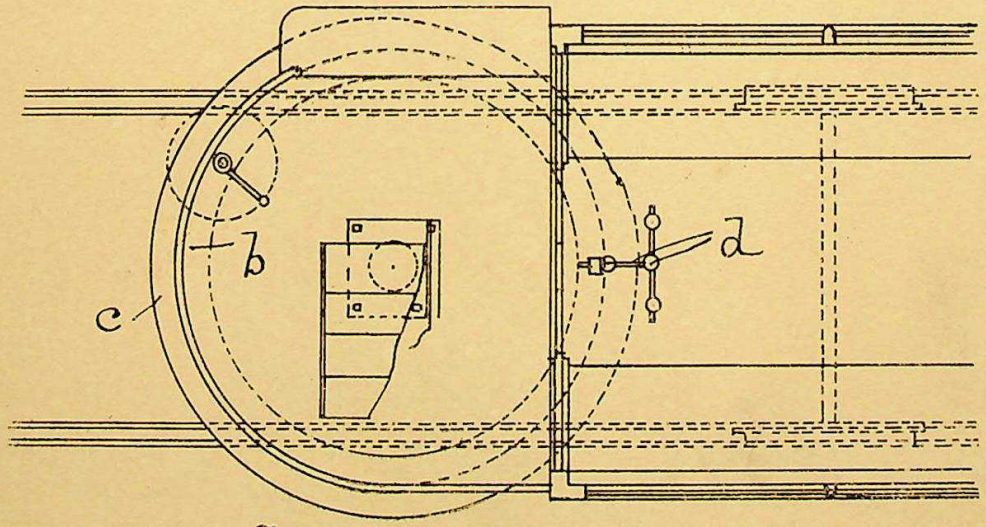


Fig. 2.

[This Drawing is a reproduction of the Original on a reduced scale.]

Malby & Sons, Photo-Litho.

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Fender
Obl. Ref.

N° 22,789 A.D. 1902

Date of Application, 20th Oct., 1902
Complete Specification Left, 20th July, 1903—Accepted, 24th Sept., 1903

PROVISIONAL SPECIFICATION.

DUPLICATE

Improvements in Motor Road Vehicles.

WILLIAM HENERY ELLIOTT 127 High Street Croydon Surrey Builders General Foreman I, do hereby declare the nature of this invention to be as follows:—

Two pneumatic tyred wheels are centred under drivers platform horizontally at both ends of car or carriage; the wheels are free to revolve upon ball bearings (wheels are width of car or carriage) the object being to clear obstacles or persons without injury that may have been in the road. The action taking place being as follows, upon the obstacle coming into contact with wheel buffer it immediatly revolves at the same time clearing the obstacles either to the right or left of car safely according to their position at time of contact.

Oct 21 1902.

W. H. ELLIOTT.

COMPLETE SPECIFICATION.

"Improvements in Motor Road Vehicles."

I, WILLIAM HENERY ELLIOTT, of 127 High Street, Croydon, in the County of Surrey, Builders General Foreman do hereby declare the nature of this invention and in what manner the same is to be performed to be particularly described and ascertained in and by the following statement:—

This invention is designed to prevent persons or animals from being run over by horseless vehicles.

And in order that my said invention may be clearly understood I will now proceed to describe the same with reference to the drawings accompanying this specification which shews my invention as applied to a horseless tram-car.

Fig 1 shews elevation of one end of tram-car fitted with my protector;

Fig 2 plan of same.

The same letters of reference are employed to denote the same parts in all the views.

a shews short piece of shafting passing through the platform of the car, such shafting being screwed or otherwise secured in position. On the shaft *a* are mounted two wheels *b*, which may be similar to cycle wheels. These wheels are fixed so as to project beyond the front of the vehicle. To the rims of wheels *b* I fit pneumatic tyres *c*. The wheels *b* revolve on ball bearings. The rims of the wheels *b* work in guide brackets *d*.

The lower wheel *b* is mounted so as to come within a short distance from the ground.

[*Price* 8*d*.]

Although I have shewn two wheels *b* I do not wish to limit myself to this number, as I may have more or less.

I propose to fit the arrangement at each end of a tram car.

The action is as follows:—

Supposing a person or animal to be in front of the car or other horseless vehicle, such person or animal will be struck by the pneumatic tyres *c* when the wheels *b* will at once revolve and push such person or animal clear of the vehicle.

Having now particularly describe and ascertained the nature of my said invention and in what manner the same is to be performed I declare that what I claim is:—

1. Providing one or more horizontal wheels, fitted with pneumatic tyres, under horseless vehicles substantially as and for the purpose set forth.

2. Providing one or more horizontal wheels, fitted with pneumatic tyres, under horseless vehicles, for the purpose set forth.

Dated this 20th day of July 1903.

BROWNE & Co.,
Agents for the Applicant,
9 Warwick Court Gray's Inn London, W.C.

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